



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 21-003468/D03.R03
Report Date: 05/05/2021
ORELAP#: OR100028
Purchase Order:
Received: 03/31/21 10:45

This is an amended version of report# 21-003468/D03.R02.
Reason: Updated report formatting.

Customer: Good Ol' Boys LLC
Product identity: Topical Pain Cream 300mg/2oz
Client/Metric ID: Lot # 20403
Laboratory ID: 21-003468-0002



Summary

Potency:

Analyte	Result	Limits	Units	Status	
CBC	0.0640		%		Total Cannabinoids per 2oz. 347 mg/2oz.
CBD	0.496		%		
CBDV†	0.0100		%		
CBG†	0.0173		%		THC-Total (%) < LOQ
CBN	0.0244		%		
Analyte per 2oz.	Result	Limits	Units	Status	
CBC per 2oz.†	36.3		mg/2oz.		
CBD per 2oz.	281		mg/2oz.		
CBDV per 2oz.†	5.67		mg/2oz.		
CBG per 2oz.†	9.81		mg/2oz.		
CBN per 2oz.	13.8		mg/2oz.		



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 21-003468/D03.R03
Report Date: 05/05/2021
ORELAP#: OR100028
Purchase Order:
Received: 03/31/21 10:45

Customer: Good Ol' Boys LLC

Product identity: Topical Pain Cream 300mg/2oz
Client/Metric ID: Lot # 20403
Sample Date:
Laboratory ID: 21-003468-0002
Evidence of Cooling: No
Temp: 15.9 °C
Serving Size #1: 56.699 g



Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)	Units %	Batch: 2103011	Analyze: 4/3/21 2:42:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC	0.0640		%	0.0033	
CBC-A†	< LOQ		%	0.0033	
CBC-Total†	0.0640		%	0.0061	
CBD	0.496		%	0.0033	
CBD-A	< LOQ		%	0.0033	
CBD-Total	0.496		%	0.0061	
CBDV†	0.0100		%	0.0033	
CBDV-A†	< LOQ		%	0.0033	
CBDV-Total†	0.0100		%	0.0061	
CBG†	0.0173		%	0.0033	
CBG-A†	< LOQ		%	0.0033	
CBG-Total	0.0173		%	0.0061	
CBL†	< LOQ		%	0.0033	
CBN	0.0244		%	0.0033	
Δ8-THC†	< LOQ		%	0.0033	
Δ9-THC	< LOQ		%	0.0033	
THC-A	< LOQ		%	0.0033	
THC-Total	< LOQ		%	0.0061	
THCV†	< LOQ		%	0.0033	
THCV-A†	< LOQ		%	0.0033	
THCV-Total†	< LOQ		%	0.0061	
Total Cannabinoids†	0.612		%		

Potency per 2oz.	Method J AOAC 2015 V98-6 (mod)Units mg/se			Batch: 2103011	Analyze: 4/3/21 2:42:00 AM
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 2oz.†	36.3		mg/2oz.	1.84	
CBC-A per 2oz.†	< LOQ		mg/2oz.	1.84	
CBC-Total per 2oz.†	36.3		mg/2oz.	3.46	
CBD per 2oz.	281		mg/2oz.	1.84	
CBD-A per 2oz.	< LOQ		mg/2oz.	1.84	
CBD-Total per 2oz.	281		mg/2oz.	3.46	
CBDV per 2oz.†	5.67		mg/2oz.	1.84	
CBDV-A per 2oz.†	< LOQ		mg/2oz.	1.84	



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 21-003468/D03.R03
Report Date: 05/05/2021
ORELAP#: OR100028
Purchase Order:
Received: 03/31/21 10:45

Potency per 2oz. Method J AOAC 2015 V98-6 (mod)Units mg/se Batch: 2103011 Analyze: 4/3/21 2:42:00 AM					
Analyte	Result	Limits	Units	LOQ	Notes
CBDV-Total per 2oz.†	5.67		mg/2oz.	3.44	
CBG per 2oz.†	9.81		mg/2oz.	1.84	
CBG-A per 2oz.†	< LOQ		mg/2oz.	1.84	
CBG-Total per 2oz.†	9.81		mg/2oz.	3.44	
CBL per 2oz.†	< LOQ		mg/2oz.	1.84	
CBN per 2oz.	13.8		mg/2oz.	1.84	
Δ8-THC per 2oz.†	< LOQ		mg/2oz.	1.84	
Δ9-THC per 2oz.	< LOQ		mg/2oz.	1.84	
THC-A per 2oz.	< LOQ		mg/2oz.	1.84	
THC-Total per 2oz.	< LOQ		mg/2oz.	3.46	
THCV per 2oz.†	< LOQ		mg/2oz.	1.84	
THCV-A per 2oz.†	< LOQ		mg/2oz.	1.84	
THCV-Total per 2oz.†	< LOQ		mg/2oz.	3.46	
Total Cannabinoids†	347		mg/2oz.		



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 21-003468/D03.R03
Report Date: 05/05/2021
ORELAP#: OR100028
Purchase Order:
Received: 03/31/21 10:45

These test results are representative of the individual sample selected and submitted by the client.

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

† = Analyte not NELAP accredited.

g = Gram

mg/2oz. = Milligram per 2oz.

% = Percentage of sample

% wt = $\mu\text{g/g}$ divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 21-003468/D03.R03
Report Date: 05/05/2021
ORELAP#: OR100028
Purchase Order:
Received: 03/31/21 10:45



Hemp / Cannabis Usable / Extract / Finished Products
Chain of Custody Record
Revision: 4.00 Control#: CF023 Rev 02/24/2021 Eff: 03/04/2021
ORELAP ID: OR100028



Company: <u>Good Ol' Boys LLC</u>				Analysis Requested (See page 2 for commonly-requested tests)												PO Number: _____		
Contact: <u>Mark LeClair Sr</u>				<div>Potency (Scannabinoid profile) Density</div>												Project Number: _____		
Street: <u>1437 Denver Avenue, Suite 289</u>																Project Name: _____		
City: <u>Loveland</u> State: <u>CO</u> Zip: <u>80538</u>																Custom Reporting: _____		
Email Results: <u>info@GoodOLBoysLLC.com</u>																Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____		
Ph: <u>(970) 988-8297</u> <input type="checkbox"/> Fx Results: ()																Turnaround time: <input type="checkbox"/> 5 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* *Ask for availability		
Billing (if different): _____																Sampled by: _____		
Lab ID	Client Sample Identification	Date	Time													Sample Type †	Weight (Units)	Comments/Metric ID
1	1000mg/1oz Oral Tincture Lot # 20402	3/22/21	4:00 PM													T	1oz bottle	See attached comments (2) pages
2	300mg/2oz Topical Pain Cream Lot # 20403	3/22/21	4:00 PM													T	2oz Container	* Density requested
Relinquished By: <u>Mark LeClair Sr</u>				Date: <u>3/22/21</u>	Time: <u>4:00 PM</u>	Received By: <u>JMW</u>				Date: <u>3/31/21</u>	Time: <u>10:45</u>	Lab Use Only:						
												Shipped Via: <u>UPS</u> or <input type="checkbox"/> Client drop						
												Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No - Temp (°C): <u>15.9</u>						
												Sample in good condition: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
												<input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net: _____						
												Prelog storage: _____						

† - Sample Type Codes: Vegetation (V) ; Isolates (S) ; Extract/Concentrate (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B)

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this CCR. By signing "Relinquished by" you are agreeing to these terms
12423 NE Whitaker Way
Portland, OR 97230

P: (503) 254-1794 | Fax: (503) 254-1452
info@columbiaboratories.com

Page 1 of 1
www.columbiaboratories.com



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 21-003468/D03.R03
Report Date: 05/05/2021
ORELAP#: OR100028
Purchase Order:
Received: 03/31/21 10:45



Columbia Laboratories
Sample Receipt Form

Revision: 2.00 Document Control: CF015
Revised: 01/11/2021 Effective: 03/16/2021

Job Number: 21-003468 Search Name: Good Ol' Boys

Package/Cooler opened on (if different than received date/time) Date: 3/31/21 Time: 10:45

Received By (Initials): JV Logged in by (Initials): _____ Date: _____ Time: _____

1) Were custody seals on outside of the package/cooler? YES NO NA
If YES, how many and where? _____

Does date match collection date on COC? _____ YES NO NA

2) Was Chain of Custody (COC) included in the package/cooler? YES NO NA

3) Was COC signed when relinquished and received? (time, date)? YES NO NA

4) How was the package/cooler delivered?

UPS FEDEX USPS CLIENT COURIER OTHER: _____

Tracking Number (written in or copy of shipping label): 1Z V06 49R 03 3056 2875

5) Was packing material used? YES NO NA

Peanuts Bubble Wrap Foam Paper Other:

6) Was temperature upon receipt 4°C+/- 2°C (if appropriate)? YES NO NA
If not, client contacted: _____
Proceed? YES NO

7) Was there evidence of cooling? YES NO NA
What kind?

Blue Ice Ice Cooler Packs Dry Ice

8) Were all sample containers sealed in separate plastic bags? YES NO NA

9) Did all sample containers arrive in good condition? YES NO NA

10) Were all sample container labels complete? YES NO NA

11) Did all sample container labels and tags agree with the COC? YES NO NA

12) Were correct sample containers used for the tests indicated? YES NO NA

13) Were VOA vials checked for absence of air bubbles (note if found)? YES NO NA

14) Was a sufficient amount of sample sent in each sample container? YES NO NA

16) Sample location prior to login: R99 R39 R44 F44 Ambient Shelf Cannabis Table Other: _____

Explain any discrepancies: _____

Page 1 of 1



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 21-003468/D03.R03
Report Date: 05/05/2021
ORELAP#: OR100028
Purchase Order:
Received: 03/31/21 10:45

Revision #: 0.00 Control : CFL-D06
Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

J AOAC 2015 V98-6

Batch ID: 2103011

Laboratory Control Sample

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV-A	0.00977	0.01	%	97.7	85.0 - 115	Acceptable	
CBDV	0.00987	0.01	%	98.7	85.0 - 115	Acceptable	
CBD-A	0.00991	0.01	%	99.1	85.0 - 115	Acceptable	
CBG-A	0.00967	0.01	%	96.7	85.0 - 115	Acceptable	
CBG	0.00982	0.01	%	98.2	85.0 - 115	Acceptable	
CBD	0.0101	0.01	%	101	85.0 - 115	Acceptable	
THCV	0.00988	0.01	%	98.8	85.0 - 115	Acceptable	
THCVA	0.00938	0.01	%	93.8	85.0 - 115	Acceptable	
CBN	0.0106	0.01	%	106	85.0 - 115	Acceptable	
THC	0.00989	0.01	%	98.9	85.0 - 115	Acceptable	
D8THC	0.00972	0.01	%	97.2	85.0 - 115	Acceptable	
CBL	0.00894	0.01	%	89.4	85.0 - 115	Acceptable	
CBC	0.0102	0.01	%	102	85.0 - 115	Acceptable	
THCA	0.00991	0.01	%	99.1	85.0 - 115	Acceptable	
CBCA	0.00948	0.01	%	94.8	85.0 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDV-A	<LOQ	0.003	%	< 0.003	Acceptable	
CBDV	<LOQ	0.003	%	< 0.003	Acceptable	
CBD-A	<LOQ	0.003	%	< 0.003	Acceptable	
CBG-A	<LOQ	0.003	%	< 0.003	Acceptable	
CBG	<LOQ	0.003	%	< 0.003	Acceptable	
CBD	<LOQ	0.003	%	< 0.003	Acceptable	
THCV	<LOQ	0.003	%	< 0.003	Acceptable	
THCVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBN	<LOQ	0.003	%	< 0.003	Acceptable	
THC	<LOQ	0.003	%	< 0.003	Acceptable	
D8THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBL	<LOQ	0.003	%	< 0.003	Acceptable	
CBC	<LOQ	0.003	%	< 0.003	Acceptable	
THCA	<LOQ	0.003	%	< 0.003	Acceptable	
CBCA	<LOQ	0.003	%	< 0.003	Acceptable	

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation

Units of Measure:

% - Percent



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 21-003468/D03.R03
Report Date: 05/05/2021
ORELAP#: OR100028
Purchase Order:
Received: 03/31/21 10:45

Revision #: 0.00 Control : CFL-D06
Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

J AOAC 2015 V98-6								
Batch ID: 2103011								
Sample Duplicate			Sample ID: 21-003387-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	0.0364	0.0361	0.003	%	1.03	< 20	Acceptable	
CBD-A	0.00655	0.00623	0.003	%	5.00	< 20	Acceptable	
CBG-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.113	0.110	0.003	%	3.04	< 20	Acceptable	
CBD	7.24	7.14	0.003	%	1.45	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.0170	0.0164	0.003	%	3.67	< 20	Acceptable	
THC	0.193	0.189	0.003	%	2.18	< 20	Acceptable	
D8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	0.329	0.322	0.003	%	2.14	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation
NA - Calculation Not Applicable given non-numerical results

Units of Measure:

% - Percent



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 21-003468/D03.R03
Report Date: 05/05/2021
ORELAP#: OR100028
Purchase Order:
Received: 03/31/21 10:45

Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 20-006952/D03.R00
Report Date: 07/14/2020
ORELAP#: OR100028
Purchase Order:
Received: 07/06/20 12:15

Customer:
Product identity: 0083-01-002
Client/Metric ID: .
Laboratory ID: 20-006952-0001

Sample Date: 07/02/20

Summary

Potency:

Analyte	Result (%)	<ul style="list-style-type: none">● CBD● CBC● CBN● CBG● CBDV● CBL	
CBD	57.1		CBD-Total 57.1%
CBC	6.63		
CBN	2.32		
CBG†	1.83		
CBDV†	1.17		
CBL†	0.236		
			THC-Total <LOQ
			(Reported in percent of total sample)

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.

HEMP EXTRACT BATCH REPORT

www.columbialaboratories.com

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

Testing in accordance with: OAR 333-007-0430



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 20-006952/D03.R00
Report Date: 07/14/2020
ORELAP#: OR100028
Purchase Order:
Received: 07/06/20 12:15

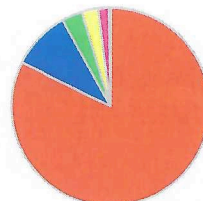
Customer:

Product identity: 0083-01-002
Client/Metric ID: .
Sample Date: 07/02/20
Laboratory ID: 20-006952-0001
Temp: 23 °C

Sample Results

Potency Method J AOAC 2015 V98-6 (mod) Batch: 2005609 Analyze: 7/8/20 5:45:00 AM

Analyte	As Received	Dry weight	LOQ	Notes
CBC	6.63		0.0964	
CBC-A†	< LOQ		0.0096	
CBC-Total†	6.63		0.105	
CBD	57.1		0.964	
CBD-A	< LOQ		0.0096	
CBD-Total	57.1		0.973	
CBDV†	1.17		0.0096	
CBDV-A†	< LOQ		0.0096	
CBDV-Total†	1.17		0.0180	
CBG†	1.83		0.0096	
CBG-A†	< LOQ		0.0096	
CBG-Total	1.83		0.0180	
CBL†	0.236		0.0096	
CBN	2.32		0.0096	
Δ8-THC†	< LOQ		0.0096	
Δ9-THC	< LOQ		0.0096	
THC-A	< LOQ		0.0096	
THC-Total	< LOQ		0.0181	
THCV†	< LOQ		0.0096	
THCV-A†	< LOQ		0.0096	
THCV-Total†	< LOQ		0.0180	
Total Cannabinoids†	69.3			



● CBD
● CBC
● CBN
● CBG
● CBDV
● CBL

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2005559	07/09/20	AOAC 990.12 (Petrifilm)	X
E.coli	< LOQ		cfu/g	10	2005558	07/09/20	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2005558	07/09/20	AOAC 991.14 (Petrifilm)	X
Staphylococcus aureus	< LOQ		cfu/g	10	2005560	07/08/20	AOAC 2003.07	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	1	2005557	07/09/20	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	1	2005557	07/09/20	AOAC 2014.05 (RAPID)	X
Salmonella spp.	Negative		/5g		2005563	07/08/20	AOAC 2016.01	X

www.columbialaboratories.com

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

Testing in accordance with: OAR 333-007-0390 OAR 333-007-0410 OAR 333-007-0430



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 20-006952/D03.R00
Report Date: 07/14/2020
ORELAP#: OR100028
Purchase Order:
Received: 07/06/20 12:15

Pesticides						Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2005611 Analyze 07/08/20 04:25 PM					
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.250	pass		Acephate	< LOQ	0.40	0.250	pass	
Acequinocyl	< LOQ	2.0	1.00	pass		Acetamiprid	< LOQ	0.20	0.100	pass	
Aldicarb	< LOQ	0.40	0.200	pass		Azoxystrobin	< LOQ	0.20	0.100	pass	
Bifenazate	< LOQ	0.20	0.100	pass		Bifenthrin	< LOQ	0.20	0.100	pass	
Boscalid	< LOQ	0.40	0.200	pass		Carbaryl	< LOQ	0.20	0.100	pass	
Carbofuran	< LOQ	0.20	0.100	pass		Chlorantraniliprole	< LOQ	0.20	0.100	pass	
Chlorfenapyr	< LOQ	1.0	0.500	pass		Chlorpyrifos	< LOQ	0.20	0.100	pass	
Clofentezine	< LOQ	0.20	0.100	pass		Cyfluthrin	< LOQ	1.0	0.500	pass	
Cypermethrin	< LOQ	1.0	0.500	pass		Daminozide	< LOQ	1.0	0.500	pass	
Diazinon	< LOQ	0.20	0.100	pass		Dichlorvos	< LOQ	1.0	0.500	pass	
Dimethoate	< LOQ	0.20	0.100	pass		Ethoprophos	< LOQ	0.20	0.100	pass	
Etofenprox	< LOQ	0.40	0.200	pass		Etoxazole	< LOQ	0.20	0.100	pass	
Fenoxycarb	< LOQ	0.20	0.100	pass		Fenpyroximate	< LOQ	0.40	0.200	pass	
Fipronil	< LOQ	0.40	0.200	pass		Flonicamid	< LOQ	1.0	0.400	pass	
Fludioxonil	< LOQ	0.40	0.200	pass		Hexythiazox	< LOQ	1.0	0.400	pass	
Imazalil	< LOQ	0.20	0.100	pass		Imidacloprid	< LOQ	0.40	0.200	pass	
Kresoxim-methyl	< LOQ	0.40	0.200	pass		Malathion	< LOQ	0.20	0.100	pass	
Metalaxyl	< LOQ	0.20	0.100	pass		Methiocarb	< LOQ	0.20	0.100	pass	
Methomyl	< LOQ	0.40	0.200	pass		MGK-264	< LOQ	0.20	0.100	pass	
Myclobutanil	< LOQ	0.20	0.100	pass		Naled	< LOQ	0.50	0.250	pass	
Oxamyl	< LOQ	1.0	0.500	pass		Paclobutrazole	< LOQ	0.40	0.200	pass	
Parathion-Methyl	< LOQ	0.20	0.200	pass		Permethrin	< LOQ	0.20	0.100	pass	
Phosmet	< LOQ	0.20	0.100	pass		Piperonyl butoxide	< LOQ	2.0	1.00	pass	
Prallethrin	< LOQ	0.20	0.200	pass		Propiconazole	< LOQ	0.40	0.200	pass	
Propoxur	< LOQ	0.20	0.100	pass		Pyrethrin I (total)	< LOQ	1.0	0.500	pass	
Pyridaben	< LOQ	0.20	0.100	pass		Spinosad	< LOQ	0.20	0.100	pass	
Spiromesifen	< LOQ	0.20	0.100	pass		Spirotetramat	< LOQ	0.20	0.100	pass	
Spiroxamine	< LOQ	0.40	0.200	pass		Tebuconazole	< LOQ	0.40	0.200	pass	
Thiacloprid	< LOQ	0.20	0.100	pass		Thiamethoxam	< LOQ	0.20	0.100	pass	
Trifloxystrobin	< LOQ	0.20	0.100	pass							

Metals									
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes	
Arsenic	< LOQ		mg/kg	0.0531	2005650	07/09/20	AOAC 2013.06 (mod.)	X	
Cadmium	< LOQ		mg/kg	0.0531	2005650	07/09/20	AOAC 2013.06 (mod.)	X	
Lead	< LOQ		mg/kg	0.0531	2005650	07/09/20	AOAC 2013.06 (mod.)	X	
Mercury	< LOQ		mg/kg	0.0266	2005650	07/09/20	AOAC 2013.06 (mod.)	X	

www.columbialaboratories.com

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 20-006952/D03.R00
Report Date: 07/14/2020
ORELAP#: OR100028
Purchase Order:
Received: 07/06/20 12:15

Solvents	Method EPA5021A					Units $\mu\text{g/g}$	Batch 2005591	Analyze 07/08/20 08:01 AM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethanol†	< LOQ		200		
Ethyl acetate	< LOQ	5000	200	pass		Ethyl benzene	< LOQ		200		
Ethyl ether	< LOQ	5000	200	pass		Ethylene glycol	< LOQ	620	200	pass	
Ethylene oxide	< LOQ	50.0	30.0	pass		Hexanes (sum)	< LOQ	290	150	pass	
Isopropyl acetate	< LOQ	5000	200	pass		Isopropylbenzene	< LOQ	70.0	30.0	pass	
m,p-Xylene	< LOQ		200			Methanol	< LOQ	3000	200	pass	
Methylene chloride	< LOQ	600	200	pass		Methylpropane	< LOQ		200		
n-Butane	< LOQ		200			n-Heptane	< LOQ	5000	200	pass	
n-Hexane	< LOQ		30.0			n-Pentane	< LOQ		200		
o-Xylene	< LOQ		200			Pentanes (sum)	< LOQ	5000	600	pass	
Propane	< LOQ	5000	200	pass		Tetrahydrofuran	< LOQ	720	100	pass	
Toluene	< LOQ	890	100	pass		Total Xylenes	< LOQ		400		
Total Xylenes and Ethyl	< LOQ	2170	600	pass							

www.columbialaboratories.com

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430